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PN - JP7310297 A 19951128
 TI - DECKLE-FREE APPARATUS IN WIRE CLOTH PART OF PAPER MACHINE
 AB - PURPOSE: To prevent a paper stock from dropping from the upper part of wire cloth and simultaneously suppress the occurrence of reflecting wave. CONSTITUTION: Weirs 15 are provided on both side parts of a head box 11. A flow path is provided in the interior of the weirs 15 and a slit nozzle 16 used as the outlet of the flow path is provided in the end faces on the downstream sides of the weirs 15. A fluid feed pipe 18 is connected to the flow path and pressurized fluid is fed from the fluid feed pipe 18 to the flow path and the fluid is jetted onto the wire cloth from the slit nozzle 16 toward the downstream side to form a wall 26 due to the fluid. The paper stock 8 jetted onto the wire cloth 2 is prevented from dropping from the side by the wall 26 due to the fluid and a paper stock 8 can be allowed to flow without reflecting on the wall 26.

FI - D21F1/02; D21F1/58
 PA - ISHIKAWAJIMA HARIMA HEAVY IND
 IN - KUBODERA CHIIHIRO; SUGIURA MAMORU
 AP - JP19940124725 19940516
 PR - JP19940124725 19940516
 DT - I

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AN - 1996-045725 [05]
 TI - Non-deckle appts. useful esp. in net area of paper mfg. machine - comprises dams on both sides of head box, slot nozzles at lower side end planes of dams, fluid supply tubes etc, preventing reflection wave
 AB - J07310297 Dams are formed on both sides of a head box.
 - Flowing routes are made in the dams.
 - Slot nozzles as exits of the flowing routes are provided to lower-side end planes of the dams.
 - Fluid supplying tubes are connected to the flowing routes.
 - A fluid is supplied under pressure from the fluid supplying tube to the flowing route.
 - The fluid gushes out from the throttle nozzle, toward a downstream side onto a paper mfg. net, and a wall is formed by the fluid.
 - A material of a paper gushed out onto the paper mfg. net can be prevented from dropping from a side of the net owing to the wall.
 - Paper material can flow without being reflected by the wall.
 - USE - For preventing a material of a paper from dropping from a paper mfg. net.
 - ADVANTAGE - Preventing generation of a reflection wave.
 - (Dwg.2/6)

IW - NON DECKLE APPARATUS USEFUL NET AREA PAPER MANUFACTURE MACHINE COMPRISE DAM SIDE HEAD BOX SLOT NOZZLE LOWER SIDE END PLANE DAM FLUID SUPPLY TUBE PREVENT REFLECT WAVE

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 IC - D21F1/02 ;D21F1/58
 MC - F05-A04A
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 PA - (ISHI) ISHIKAWAJIMA HARIMA HEAVY IND
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 TI - DECKLE-FREE APPARATUS IN WIRE CLOTH PART OF PAPER MACHINE
 AB - PURPOSE: To prevent a paper stock from dropping from the upper part of wire cloth and simultaneously suppress the occurrence of reflecting wave.

- **CONSTITUTION:**Weirs 15 are provided on both side parts of a head box 11. A flow path is provided in the interior of the weirs 15 and a slit nozzle 16 used as the outlet of the flow path is provided in the end faces on the downstream sides of the weirs 15. A fluid feed pipe 18 is connected to the flow path and pressurized fluid is fed from the fluid feed pipe 18 to the flow path and the fluid is jetted onto the wire cloth from the slit nozzle 16 toward the downstream side to form a wall 26 due to the fluid. The paper stock 8 jetted onto the wire cloth 2 is prevented from dropping from the side by the wall 26 due to the fluid and a paper stock 8 can be allowed to flow without reflecting on the wall 26.

I - D21F1/58 ;D21F1/02
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IN - KUBODERA CHIIRO; others: 01
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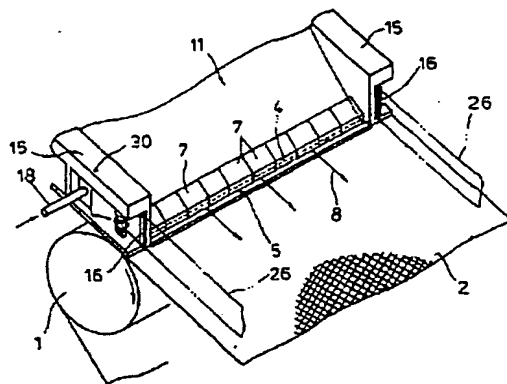
(74)代理人 弁理士 坂本 光雄

(54)【発明の名称】 抄紙機すき網部における無デッケル装置

(57)【要約】

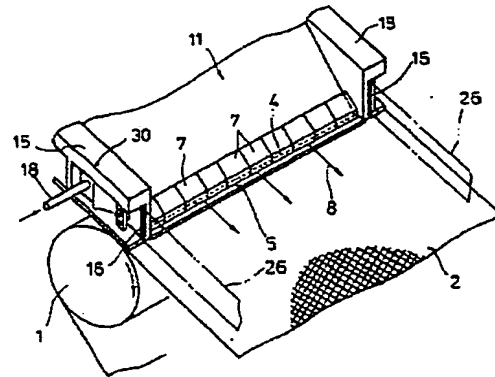
【目的】 紙料がすき網上からこぼれるのを防止し同時に反射波の発生を抑える。

【構成】 ヘッドボックス11の両側部に堰15を設ける。堰15の内部に流路を設けて、該流路の出口となるスリットノズル16を堰15の下流側端面に設ける。流路には流体供給管18を接続して、該流体供給管18より流路へ加圧した流体を供給し、スリットノズル16から下流側へ向けてすき網2上に流体を噴出させて、流体による壁26を形成させる。流体による壁26により、すき網2上に噴出される紙料8が側方からこぼれるのを防止すると共に、紙料8を壁26で反射させることなく流すことができる。

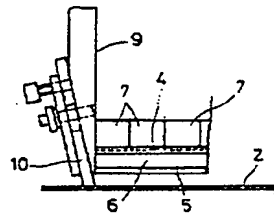


L オーバーフロー液面

【图2】



【图6】



【图4】

